

Amendments to the 2002 Standard Specifications Effective August 5, 2002

Standard Specification 1-07.15(1) Spill Prevention, Control & Counter Measures Plan

This amendment was revised for clarity by removing the reference to a special provision in the first sentence under the heading of “Implementation Requirements” as the special provision is now included in this amendment.

Standard Specification 1-09.2(4) Specific Requirements for Belt Conveyor Scales

This section was revised by changing the reference in the first paragraph from the “National Bureau of Standards Handbook No. 44” to the “National Institute of Standards and Technology (NIST) Handbook No. 44.” This will allow the reader to find the handbook via the Internet.

Standard Specification 5-04.3(5)C Crack Sealing

This section was revised to correct a typo referencing the size of paving sand to be utilized in the “Sand Slurry.”

Standard Specification 5-04.3(21) Paving Asphalt Revision

This section was revised by rewording the third sentence in the first paragraph for clarity due to some concerns by field personnel.

Standard Specification 5-05.3(19) Reinforced Concrete Bridge Approach Slabs

The fifth paragraph in this section was revised to reflect the changes made to Standard Plan A-2 that will be effective August 5, 2002.

Standard Specification 6-02.3(4)C Consistency

This section was revised, in conjunction with WACA and AGC, to allow up to a 9-inch slump while utilizing Class 4000P concrete during drilled shaft construction and a 5.5-inch slump for all concrete placed while constructing curbs, sidewalks, and gutters.

Standard Specification 6-02.3(28)B Casting

This section was revised in conjunction with WACA and AGC to allow precast panel fabricators to use a higher slump of concrete while constructing precast panels due to the clearances of the reinforcing steel.

Standard Specification 6-03.3(21)C Web Splices and Fillers

This section was revised to replace the discontinued ASTM steel specification with two new ASTM specifications for steel utilized for filler plates.

Standard Specification 6-10.3(2) Cast-in-Place Concrete Barrier

This section was revised to identify areas of concern provided by field personnel that were not addressed in the standard specification. The changes include requirements necessary for the stabilization of the rebar cage, defining the “default” spacing, and identifying the tolerances for the vertical and longitudinal face of the barrier.

Standard Specification 7-09 Pipe and Fittings for Water Mains

This section was renamed “**Water Mains**” and was combined with sections 7-10 and 7-11 as recommended by the AGC/WSDOT Division 7 Team since all of the sections deal with water main construction.

Standard Specification 7-10 Trench Exc., Bedding, and Backfill for Water Mains

This section was combined with 7-09 and 7-11 and is now Vacant. See Standard Specification 7-09 above for details regarding this revision.

Standard Specification 7-11 Pipe Installation For Water Mains

This section was combined with 7-09 and 7-10 and is now Vacant. See Standard Specification 7-09 above for details regarding this revision.

Standard Specification 7-15.1 General

This section was revised by the WSDOT/AGC Division 7 Team to expand the description of work for clarity by identifying the size of service connections to water mains as 2-inch and smaller connections only. The larger connections are now identified in section 7-09.

Standard Specification 8-20 Illumination, Traffic Signal Systems, and Electrical

This section was totally rewritten and brought up to date at the request of the Headquarters Traffic Office. Some of the major revisions include code references, bonding and grounding requirements, junction box requirements, and the addition of ITS specifications.

Standard Specification 8-21.3(9)B Grout

This section was deleted and is now Vacant at the request of the Headquarters Bridge Office by eliminating the grout pads for sign bridges and cantilever sign structures and replacing them with “rodent barriers” to allow for the inspection of the bolted connections.

Standard Specification 8-21.3(9)F Bases

The last sentence in the eleventh paragraph was deleted because the grout pads for sign bridges and cantilever sign structures were replaced with “rodent barriers” to allow for the inspection of the bolted connections. See Standard Specification 8-21.3(9)B above for more explanation.

Standard Specification 8-22.1 Description

This section was revised to clarify the descriptions for a Railroad Crossing Symbol and Drainage Markings due to responses from field personnel. It also added a description for a Bicycle Lane Symbol that will be added to Standard Plan H-5c, effective August 5, 2002.

Standard Specification 8-22.4 Measurement

This section was revised by adding a measurement statement for the placement and removal of a Bicycle Lane Symbol added to Standard Plan H-5c.

Standard Specification 8-22.5 Payment

This section was revised by adding a payment statement for the placement of a painted or plastic Bicycle Lane Symbol added to Standard Plan H-5c.

Standard Specification 8-23.1 Temporary Pavement Markings

This section was revised at the request of contractors and field personnel. Their concerns outlined that our specification did not adequately define the responsibility of payment of painted traffic lines during staged construction projects. Based on these comments, this revision allows painted center lines, edge lines, lane lines, and temporary raised pavement markers to be replaced and paid for by the owner if, in the opinion of the Engineer, they were damaged due to normal wear by the traffic.

Standard Specification 8-23.4 Measurement

This section was revised to allow for the measurement of damaged painted markings and raised pavement markings due to normal wear by traffic. It also clarifies that damaged temporary markings utilizing tape shall not be measured and are the responsibility of the Contractor. See comments provided in 8-23.1 for more details defining this revision.

Standard Specification 8-23.5 Payment

This section was revised to clarify that no additional compensation will be allowed for temporarily taped markings that have been damaged or worn. See comments provided in 8-23.1 for more details defining this revision.

Standard Specification 9-03.1(5)B Grading

This section was supplemented to add the ASTM requirement for sieve sizes due to concern from the industry.

Standard Specification 9-03.15 Vacant

This section added a specification for “Native Material for Trench Backfill” in conjunction with the 7-09, 7-10, & 7-11 rewrite.

Standard Specification 9-07.1(1)A Acceptance of Materials

This section was rewritten for clarity due to some comments made by field inspectors and contractors.

Standard Specification 9-14.4(2) Wood Cellulose Fiber

This section was revised to decrease the amount of organic matter from 93% to 90% in acceptable wood cellulose fiber.

Standard Specification 9-28.15 Sign Lighting Luminaires

This section was amended to allow the use of a new type of lighting fixture (“Induction Lighting”), as an energy cost saving effort.

Standard Specification 9-29 Illumination, Signals, Electrical

This section was rewritten and brought up to date at the request of the Headquarters Traffic Office. The major revisions include specifications for materials utilized in ITS construction, decorative luminaires, LED lights for signal and pedestrian systems, innerduct and outerduct conduit, standard junction boxes, fiber optic cable, luminaires, and testing requirements of traffic control cabinets.

Standard Specification 9-30.1(2) Vacant

This section is renamed and adds a specification for Polyethylene Encasement for water distribution materials in conjunction with the 7-09 rewrite.

Standard Specification 9-30.1(5)A Polyvinyl Chloride (PVC) Pipe (4 inches and Over)

This adds an optional specification for PVC pipe in conjunction with the 7-09 rewrite.

Standard Specification 9-30.1(6) Polyethylene (PE) Pressure Pipe (4 inches and Over)

This adds a new specification for polyethylene pipe in conjunction with the 7-09 rewrite.

Standard Specification 9-30.2(4)A Steel Pipe (6 inches and Over)

This specification was rewritten to bring the specifications for steel pipe to current standards.

Standard Specification 9-30.2(8) Restrained Flexible Couplings

This section was revised at the request of the WSDOT/AGC Division 7 Team to eliminate the use of a coupling that utilizes set screws tightened against the outside wall of a pipe.

Standard Specification 9-30.2(9) Grooved and Shouldered Joints

New section allowing grooved and shouldered waterline joints in conjunction with the 7-09 rewrite.

Standard Specification 9-30.2(10) Polyethylene (PE) Pipe (4 inches and Over)

New section adding the specifications for Polyethylene pipe fittings in conjunction with the 7-09 rewrite.

Standard Specification 9-30.2(11) Fabricated Steel Mechanical Slip-Type Expansion Joints

New section adding steel mechanical slip-type expansion joints for ductile iron or PVC pipe in conjunction with the 7-09 rewrite.